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ABSTRACT

This is a guide to sources of information related to the history and contributions of women in the fields of science, medicine, and engineering. Also included are writings on present-day women scientists, as well as materials on the current status and concerns of women in the sciences. It is not intended to be a comprehensive bibliography. Categories include: (1) "Introductions to the Topic"; (2) "Subject Headings"; (3) "Basic Texts"; (4) "Additional Texts"; (5) "Guides, Handbooks and Dictionaries"; (6) "Correspondence, Reminiscences and Biographical Material"; (7) "Brographical Material for Younger Readers"; (8) "Bibliographies"; (9) "Conference Proceedings"; (10) "Selected Conference Proceedings"; (11) "Dissertations"; (12) "Selected Dissertations"; (13) "Government Publications"; (14) "Selected Government Publications"; (15) "Vocational/Career Opportunities"; (16) "Statistical Information"; (17) "Selected Statistical Sources"; (18) "Abstracting and Indexing Services"; (19) "Journals"; (20) "Selected Journal Articles"; (21) "Reports"; (22) "Selected Reports"; (23) "Selected Materials"; and (24) "Additional Sources of Information." (CW)

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WOMEN IN THE SCIENCES Compiled by Rebecca Kennedy and Michelle Cadoree

TB 90-6

September 1990

SCOPE:

This is a guide to sources relating to the history and contributions of women in the fields of science, medicine, and engineering. Also included are writings on presentday women scientists, as well as materials on the current status and concerns of women in the sciences. Of possible interest to users of this work are Blacks in Science and Related Disciplines (TB 89-9) and Biographical Sources in the Sciences (TB 88-3).

An update of Tracer Bullet 83-8, this compilation is not intended to be a comprehensive bibliography but is designed--as the name of the series implies--to put the reader "on target."

INTRODUCTIONS TO THE TOPIC

Ivey, Elizabeth S. Recruiting more women into science and engineering. Issues in science and technology, v. 4, fall 1987: 83-87. Q124.6.I85 and Pamphlet box*

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Q11.U8216 and Pamphlet box*

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T171.M47 and Pamphlet box*

^{*} Available in reference collection, Science Reading Room



47/15/25 ER

SUBJECT HEADINGS used by the Library of Congress, under which books on women in the sciences can be located in most card, book, and online catalogs include the following:

WOMEN ENGINEERS (Highly relevant)

WOMEN PHYSICIANS (Highly relevant)

WOMEN SCIENTISTS (Highly relevant)

See also other headings beginning WOMEN, e.g., WOMEN GEOLOGISTS, WOMEN GENETICISTS, WOMEN DENTISTS, WOMEN PHYSICISTS, WOMEN STATISTICIANS

WOMEN IN AERONAUTICS (Highly relevant)

WOMEN IN ENGINEERING (Highly relevant)

WOMEN IN MEDICINE (Highly relevant)

WOMEN IN SCIENCE (Highly relevant)

See also other headings beginning WOMEN IN, e.g., WOMEN IN AGRICULTURE, WOMEN IN MATHEMATICS, WOMEN IN PHARMACY

AFRO-AMERICAN WOMEN CHEMISTS (Relevant)

AFRO-AMERICAN WOMEN IN THE PROFESSIONS (Relevant)

WOMEN--BIBLIOGRAPHY (Relevant)

MINORITIES IN SCIENCE (Related)

MINORITIES IN TECHNOLOGY (Related)

See also other headings beginning MINORITIES IN, e.g., MINORITIES IN ENGINEERING, MINORITIES IN MEDICINE

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Dickstein, Ruth, Victoria A. Mills, and Ellen J. Waite. Women in LC's terms: a thesaurus of Library of Congress subject headings relating to women. Phoenix, Oryx Press, 1988. 221 p. Z695.1.W65D53 1988 SSRR See especially p. 96-116.

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- Rossiter, Margaret W. Women scientists in America: struggles and strategies to 1940.

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MRR = Main Reading Room



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Conference Papers Index (1973-) Z7403.C84*

See: Women

Index of Conference Proceedings Received (1974-) Z7403.B8b*

See: Women

Women Physicians

MicRR = Microform Reading Room



ISTP (Index to Scientific and Technical Proceedings) Z7403.14*

See: Women-Scientists

See also subheading Women under specific subject disciplines, e.g., Engineers

Scientists--Women

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Q130.W65

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T6.W66 1984



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See: Women Gender

Dissertation Abstracts International (1938- monthly) Z5053.D57 MicRR

Series B--The Sciences and Engineering

See: Women Gender

Dissertation Abstracts Ondisc (CD-ROM) MicRR

See: Women and Engineering
Women and Mathematics
Women and Science

SELECTED DISSERTATIONS available in the Microform Reading Room

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Collation of original: 119 p.

UMI Microfiche AAC8814351

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GOVERNMENT PUBLICATIONS can be located in the following indexes:

CIS Index to Publications of the United States Congress (1970-) KF49.C62 MicRR, & N&CPR. SSRR

See: Women

Women in Science and Technology

Women's Employment

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Women Physicians

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See: Women--Employment Women in Science Women Scientists

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** Available in the microform collection, Science Reading Room

- United States. Congress. House. Committee on Science, Space, and Technology. Subcommittee on Science, Research, and Technology. Women, minorities, and the disabled in science and technology: hearing before the Subcommittee on Science, Research, and Technology of the Committee on Science, Space, and Technology, House of Representatives, One Hundredth Congress, second session, June 28, 1988. Washington, U.S. Govt. Print. Off., 1988. 183 p. KF27.S399 19881
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Women

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See: Women--Occupations

Women Engineers

Women in the Computer Industry

Women Mathematicians

Women Meteorologists

Women Physicists

Women Scientists

Bibliographic Index (1937-) Z1002.B595* MRR

See: Women Medical Scientists

Women Physicians

Women Scientists

Headings beginning 'Women in,' e.g., Women in Science

Biography Index (1946-) Z5301.B5 SSRR

See: Scientists

Names of individual disciplines, e.g., Astronomers, Botanists, Chemists

Canadian Periodical Index (1964-) AI3.C242 MRR

See: Women Scientists

Current Technology Index (1981-) Z7913.B7*

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Scientists: Women

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See: Women Scientists

Women Physicians

Index Medicus (1960-) Z7401.G46*

See: Women

Physicians, Women

Magazine Index (1980-) Available in several formats at LC

See: Women Scientists

Women Engineers

Women Mathematicians

Women Physicians

Headings beginning 'Women in,' e.g., Women in Aeronautics

Note: Consult reference librarian for location of abstracting and indexing services in the Science Reading Room.



Readers' Guide to Periodical Literature (1900-) AI3.R48 SSRR

See: Women--Occupations

Women Chemists

Women in Space Sciences

Women Physicians Women Physicists Women Scientists Women Surgeons

Women Studies Abstracts (1972-) Z7962.W65 MRR

See: Biologists

Engineers

Feminist Science

Physicians Science Scientists

JOURNALS that often contain articles on women in the sciences include:

JAMA R15.A48

Journal of Chemical Education QD1.J93

Journal of the American Medical Women's Association R15.A7413

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RIE (Resources in Education) (1966-) Z5813.R4 SSRR

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- Attracting and retaining women students for science and engineering. A report from the Committee on the Status of Women in Ontario Universities. Toronto, Council of Ontario Universities, 1988. 28 p. ED297646**
- Feminism within the science and health care professions: overcoming resistance. Edited by Sue V. Rosser. Oxford, Eng., New York, Pergamon Press, 1988. 168 p.
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Widnall, Sheila E. AAAS Presidential Lecture: voices from the pipeline. Science, v. 241, Sept. 20, 1988: 1740-1745.

ADDITIONAL SOURCES OF INFORMATION

American Medical Women's
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Suite 400
Alexandria, Virginia 22314
Telephone: (703) 838-0500

Society of Women Geographers 1619 New Hampshire Avenue, NW Washington, D.C. 20009 Telephone: (202) 265-2669

Association for Women in Science 1522 K Street, NW Suite 820 Washington, D.C. 20005 Telephone: (202) 408-0742

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Wellesley, Massachusetts 02181
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